<u>LISTING OF THE CLAIMS:</u>

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1. (Currently amended)  A system for pervasive enablement of business processes, comprising:

a workflow engine that executes a business process model;

a context service <u>supporting one or a plurality of synchronous query and asynchronous callback context functions, which</u> ~~that~~ allows context-aware applications to obtain user context information;

an interaction controller that acts as a proxy for one or more human participants in a workflow and

receives specification of individual staff activities from the workflow engine, and

upon receiving a staff activity specification,

obtains context information of a partner instance from the context service to determine an appropriate collaboration modality for the partner instance, and

forwards the engine responses from human partners back to the workflow engine, thereby handling individual interactions with human participants; and

one or more modality adapters that encapsulate details of communicating with a specific collaboration modality to receive a task from the interaction controller and deliver the task to said partner instance in a modality-specific format.

1   2. (Original)  The system in Claim 1, wherein the context service provides
2   dynamic context information about human participants.


1   3. (Previously presented)  The system in Claim 2, wherein said dynamic context
2   information includes a human participant's location, activity, connectivity and
3   preferences.


1   4. (Original)  The system of Claim 2, wherein the context service supports both
2   synchronous query and asynchronous callback context functions.


1   5. (Original)  The system in Claim 1, further comprising an address book that
2   maps individual IDs to modality-specific addresses, the interaction controller
3   accessing the address book to look up a modality-specific address.


1   6. (Original)  The system in Claim 1, wherein the modality adapters include the
2   adapters for instant messaging, email, e-meeting, discussion threads, phones,
3   pagers, and other communication devices.


1   7. (Currently amended)  A method for pervasive enablement of business
2   processes, comprising the steps of:
3          using a workflow engine that executes a business process model;
4          using a context service supporting one or a plurality of synchronous query
5   and asynchronous callback context functions to provide said workflow engine
6   with user context information;
7          receiving specification of individual staff activities from the workflow
8   engine to an interaction controller that acts as a proxy for one or more human
9   participants in a workflow;

10          obtaining context information of a partner instance from the context

11    service to determine an appropriate collaboration modality for the partner

12    instance;

13          directing human tasks to one of a plurality of modality adapters, each of

14    which is adapted to exchange data with said human participants in a

15    modality-specific manner to receive a task from the interaction controller and

16    deliver the task to said partner instance in a modality-specific format; and

17          gathering responses from human participants via said modality adapter.


1     8. (Original)  The method in Claim 7, further comprising the step of mapping

2     individual IDs to modality-specific device addresses.


1     9. (Original)  The method in Claim 7, wherein said directing step is based on an

2     explicit command when instantiating the business process model.


1     10. (Original)  The method in Claim 7, wherein said directing step is based on

2     dynamic context information on said human participant.


1     11. (Previously presented)  The method in Claim 10, wherein said dynamic

2     context information includes a human participant's location, activity, connectivity

3     and preferences.


1     12. (Original)  The system of Claim 10, wherein the directing step supports both

2     synchronous query and asynchronous callback context functions.